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CZECHOSLOVAK PLAN OF MEDICAL AND HEALTH RESEARCH  
FOR 1961.

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## FOREWORD

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CZECHOSLOVAK PLAN OF MEDICAL AND HEALTH RESEARCH FOR

1961

[Following is a translation of an article in the Czech-language periodical Ceskoslovenske Zdravotnictvi (Czechoslovak Health), Prague, July 1960, Vol. VIII, No. 7, pages 405-415.]

At the meeting of the expanded presidium of the scientific council of the Ministry of Health, which took place on 3-4 May 1960, there was elaborated a proposal for the subject plan of research in the field of medical sciences and health for 1961, with the participation of the representatives of the Czechoslovak Academy of Sciences, State Planning Commission, the Ministry of Education and Culture, the Ministry of National Defense, the State Office of Social Security, the Central Council of Trades Unions, the Czechoslovak Union for Physical Education, as well as other interested offices and medical faculties. The proposal was approved by the Ministry of Health, the Ministry of Education and Culture, and the State Office of Social Security. Thus, it became the common plan in these fields and is binding as a directional plan of scientific research for 1961.

Some of the specialized tasks presented in the subject plan are the components of the complex task XIII "The Healthy Development of the New Generation" of the state plan of scientific research for 1961-1965.

The Ministry of Health, the Ministry of Education and Culture, and the State Office of Social Security request the workers of all establishments who can participate in the solution of the tasks stated in the subject plan to send the directors of the institutions listed in the subject plan their applications with indications as to which partial tasks they want to work on, by August 15, 1960. The presumption for the consideration of the application is the availability of suitable cadres and material means necessary for the solution of the partial task or the future availability of these through the efforts of the plan for 1961. The exact scope and contents of the partial tasks will be negotiated with the applicants during the course of further planning and the final form will be decided upon by the plenary meeting of the scientific council in the fall of this year.

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I. Theoretical Research

I-1 Basic problems of medical biology

President of HPK (Hlavní Problemová Komise - Chief Problem Commission):  
Docent Hasek, Biological Institute of CSAV (Ceskoslovenska Akademie  
Ved-Czechoslovak Academy of Sciences), Prague.

I-11 Regeneration of cells.

Ved. prac. (Vedoucí pracoviště - Chief place of operations):  
Institute of general biology of the Medical Faculty, Brno, Docent Necas.

I-12 Transplantation of tissues and organs including the basic  
questions of regeneration of tissues and transformation of cells.

Ved. prac.: Clinic of plastic surgery of LFKU (Lékařská Fakulta  
Karlovy University - Medical Faculty of the Charles University),  
Prague, Academician Burian.

I-13 Problems pertaining to the healing of wounds.

Ved. prac.: Research Institute of traumatology, Brno, Prof. Novak.

I-2 General Physiology

President of HPK: Prof. Kruta, Physiological institute of the  
medical faculty, Brno.

I-21 Physiological integrations

1. Direction of the activity of the heart and the circulation of  
blood. Ved. prac.: Physiological institute of the medical faculty Brno,  
Prof. Kruta.

2. Direction of the secretory functions and metabolism. Ved.  
prac.: Physiological institute of the medical faculty of KU (Karlova  
Universita - Charles University), Prague, Prof. Karasek.

3. The functions of mammals in hypothermia. Ved. prac.: Physio-  
logical institute of the medical faculty of UK, Prof. Antal.

I-22 Physiology of nutrition and exchange of materials.

Ved. prac.: Research institute for the nutrition of the popula-  
tion, Prague, Dr. Fabry.

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I-3 Physiology, pathology and hygiene of higher nerve activity (VNC)

(VNC - Vyssi Nervova Cinnost - Higher Nerve Activity)

President of HPK: Prof. Hrbek, Laboratory of VNC at PU, Olomouc.

Secretary of HPK: Dr. Horvath, Institute of hygiene of labor and occupational diseases, Prague.

I-31 Experimental and clinical research of the VNC of man.

Ved. prac.: Institute of experimental pathology of the medical faculty PU, Olomouc, Docent Hrbek.

I-32 Physiology of the central nervous system and the basic questions of the physiology of labor.

Ved. prac.: Institute of hygiene of labor and of occupational diseases, Prague, Dr. Horvath.

I-33 Research concerning the hygiene of VNC

Ved. prac.: The psychiatric clinic, Prague, Dr. Dobias.

I-32 Research concerning cortico-visceral relationships.

Ved. prac.: Institute of hygiene and occupational diseases, Prague, Dr. Michalova.

I-35 Research concerning the development of higher nerve activity from the point of view of phylogeny and ontogeny.

Ved. prac.: Institute of Pathological physiology and general medicine of KU Plzen, Docent Myslivecek.

I-4 General and specialized mechanisms of pathological reactions and experimental therapy.

President HPK: Prof. Raskova, Chair of Pharmacology of the Pediatric Faculty KU, Prague.

I-41 Research concerning neuroplegics.

Ved. prac.: Research institute for pharmacology and biochemistry, Prague, Dr. Votava.

1. Experimental research concerning neuroplegics and neuroleptics.

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Ved. prac.: Research institute of pharmacology and biochemistry, Prague. Docent Votava.

2. Neuroplegics and anesthesiology.

Ved. prac.: II. Surgical clinic of the medical faculty, Brno, Dr. Hrdlicka.

3. Neuroplegics and pediatrics.

Ved. prac.: I. Children's clinic of the pediatric faculty, Prague, Dr. Raska.

4. Neuroplegics and neuroleptics in psychiatry.

Ved. prac.: Psychiatric clinic of the medical faculty, Brno, Dr. Nahunek.

5. Neuroplegics and neuroleptics in neurology.

Ved. prac.: Neurological clinic of the faculty of general medicine, Prague, Dr. Klimkova-Deutschova.

I-42 Research concerning inflammations.

Ved. prac.: The pharmacological institute of PU, Olomouc, Docent Jenfeld.

I-43 Research concerning allergies.

Ved. prac.: Institute of experimental pathology of PU, Olomouc, Docent Rohan.

I-44 Research on bacterial toxins.

Ved. prac.: Chair of pharmacology of the pediatric faculty of KU, Prague, Prof. Raskova.

I-5 Basic problems of medical chemistry

President of HPK: Prof. Kacel, I. Institute for medical and legal chemistry of KU, Prague.

Secretary of HPK: Docent Stepan, Institute of medical chemistry of KU, Plzen.

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I-51 The investigations of biochemical clinical syndromology

Ved. prac.: The institute of medical chemistry of KU, Plzen, Dr. Stepan.

I-52 Research concerning the special methods and metabolisms of some materials.

Ved. prac.: I. Institute for medical and legal chemistry of KU, Prague, Prof. Kacel.

I-53 Study of the most suitable non-routine biochemical methods for diagnostic and therapeutic purposes.

Ved. prac.: III. clinic of internal medicine of the medical faculty, UK Bratislava, the Scientific laboratory of pharmaco-chemistry, Prof. Niederland.

I-54 Study of the most suitable biochemical, routine methods for the diagnosis and control of treatment.

Ved. prac.: The central biochemical and hematological laboratory, Prague-Bulovka, Dr. Masek.

I-6 Utilization of radioactive isotopes in medicine

President of HPK: Prof. Niederland, III. clinic of internal medicine and the pharmaco-biochemical laboratory of the medical faculty of UK, Bratislava.

Secretary of HPK: Dr. Vavrejn, Institute of experimental and clinical surgery, Prague.

I-61 Utilization of radioisotopes in experiments.

Ved. prac.: Institute for experimental pathology of the medical faculty, Brno, Dr. Dohnalek.

I-62 Utilization of radioisotopes in diagnostic work

Ved. prac.: Institute of medical physics of the medical faculty of KU, Prague, Docent Dienstbier.

I-63 Utilization of radioisotopes in therapy

Ved. prac.: Research institute of endocrinology, Prague, Dr. Silink.

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I-64 Standardization of radioisotope methodology

Ved. prac.: Institute of clinical and experimental surgery, Prague, Dr. Vavrejn.

I-7 Basic problems of morphology

President of HPK: Prof. Jedlicka, II. Institute of pathology and anatomy of the medical faculty of KU, Prague.

Secretary of HPK: Docent Benesova, Chair of pathology, anatomy and microbiology of the pediatric faculty, Prague.

I-70 Morphological problems of arteriosclerosis

Ved. prac.: II. pathological and anatomical institute of the medical faculty of KU, Prague, Docent Vanacek.

I-71 Pathomorphology of tuberculosis.

Ved. prac.: II. Pathological and anatomical institute of the medical faculty of KU, Prague, Prof. Jedlicka.

I-72 Pathomorphology of lung dusting.

Ved. prac.: I. Pathological and anatomical institute of the medical faculty of KU, Prague, Docent Bednar.

I-73 Histochemistry and its utilization in normal and pathological histology using standardized methods.

Ved. prac.: Embryological institute of the medical faculty of KU, Prague, Dr. Lojda.

I-74 The basic problems of embryology

Ved. prac.: Embryological institute of the medical faculty of KU, Prague, Prof. Frankenberger.

I-75 Basic problems of normal histology

Ved. prac.: Histological institute of the medical faculty of KU, Prague, Academician Wolf.

I-76 Morphogenesis of malignant tumors



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Ved. prac.: Pathological and anatomical institute of the medical faculty, Brno, Dr. Svejda.

I-77 Special morphological problems of normal anatomy

Ved. prac.: Institute of normal anatomy of the medical faculty of KU, Prague, Prof. Borovansky.

I-78 Special morphological problems of pathological anatomy and histology

Ved. prac.: II. Pathological and anatomical institute of the medical faculty of KU, Prague, Prof. Jedlicka.

II. Analysis of the Influence of Environment and Work on Man

II-1 Scientific basis of hygienic care for the construction and reconstruction of environment

President of HPK: Docent Macuch, Provincial institute of hygiene, Bratislava.

II-11 Research concerning the effect of the exhalations of fluorine mixtures on the environment and the state of health of the inhabitants of an area in the vicinity of an aluminum factory.

Ved. prac.: Provincial institute of hygiene, Bratislava, Docent Macuch.

II-12 Research concerning the quality of environment in the vicinity of the projected atomic power plant.

Ved. prac.: Provincial institute of hygiene, Bratislava, Engineer Mayer.

II-13 Research concerning microbial infestation of soil and self-purification processes from the viewpoint of hygienic protection of small sources of drinking water.

Ved. prac.: Provincial institute of hygiene, Bratislava, Dr. Parrakova.

II-14 Research concerning the relationships between the hygienic quality of rural environment of the physical and medical state of the inhabitants.

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Ved. prac.: Provincial institute of hygiene, Bratislava, Dr. Straka.

II-15 Research concerning the relationships between the hygienic quality of environment and the physical and medical state of the population of the capital city of Prague.

Ved. prac.: KHES-UNV, Dr. Krasna.

II-16 Research concerning the basic hygienic protection of the environment and the protection of the health of the inhabitants in the vicinity of the East Slovak Metallurgical Combine.

Ved. prac.: KHES, Kotic, Dr. Kratochvil.

II-2 Scientific basis for the protection of the health of the workers

President of HPK: Prof. Teisinger, Institute of labor hygiene and of occupational diseases, Prague.

II-21 Research concerning the dust accumulation in lungs

Ved. prac.: OUNZ, Plzen, Docent Graubner.

1. Technical prevention - CSAV, Institute of Mining, Prague 8, Engineer Pelikan.

2. Hygienic research.

3. Clinical research.

II-22 Biological effect of ionizing radiation

Ved. prac.: The Biophysical institute of CSAV, Brno, Prof. Hercik.

1. Basic radiobiological research (CSAV, Brno, Prof. Hercik).

2. Diagnosis and therapy (medical faculty of KU, Prague, Docent Dienstbier).

3. Radioactivity of the atmosphere (CSAV, Geophysical Institute, Hradec Kralove, Dr. Podzimek).

4. Radiation hygiene.

Ved. prac.: Institute of labor hygiene and of occupational diseases, Prague, Docent Muller.

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5. Problems in dosimetry (CSAV, Prague, Prof. Behounek).

II-23 Health fundamentals for the shortening of the work day and for the establishment of a regimen of work and rest.

Ved. prac.: Institute of labor hygiene and occupational diseases, Prague, Docent Bena.

II-24 Research concerning work risks and the methods of protection of the workers from the effects of industrial chemicals.

Ved. prac.: Institute of labor hygiene and occupational diseases, Prague, Docent Roubal.

II-3 General hygiene

President of HPK: Docent Symon, Institute of hygiene, Prague.

II-31 Research concerning air pollution in houses.

Ved. prac.: Institute of hygiene, Prague, Dr. Struzka and Docent Symon.

II-32 Hygienic problems of recultivation of devastated lands.

Ved. prac.: Institute of hygiene, Prague, Dr. Celedova.

II-33 Research concerning the biological values of drinking water.

Ved. prac.: The institute of hygiene of FVLKU, Prague, Prof. Kredba.

II-34 Hygiene problems of surface waters.

Ved. prac.: Institute of hygiene, Prague, Dr. Gabriel and Docent Symon.

II-35 Some problems of housing hygiene.

Ved. prac.: Institute of hygiene, Prague, Docent Symon.

II-36 Research concerning the reaction of the organism to environmental factors of slight intensity by physiological methods.

Ved. prac.: Institute of labor hygiene and occupational diseases, Prague, Dr. Horvath.

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Tasks of the institute:

1. Study of the removal or deactivation of enteroviruses in the arrangement of surface waters for drinking water supply.
2. Study of the methods and construction of apparatus for automatic measuring and registration of water examination methods.

II-4 Patho-physiology and hygiene of nutrition and digestion.

President of HPK: Docent Masek, Institute of Nutrition Research, Prague.

II-41 Research concerning the state of nutrition of the inhabitants with special emphasis on the critical evaluation of the proposed amounts of foods, primarily fats.

Ved. prac.: Institute of Nutrition Research, Prague, Dr. Krikava.

II-42 Study of the effects of nutrition on the origin and course of diseases.

Ved. prac.: Institute of Nutrition Research, Prague, Dr. Dobersky.

II-43 Research concerning communal dining.

Ved. prac.: The medical hygiene faculty of KU, Prague, Docent Wolf.

II-44 Research concerning the prevention of impairment of the biological value of nutrients.

Ved. prac.: Provincial institute of Hygiene, Bratislava, Docent Gorner.

II-45 Study of the hygienic importance of the microbial flora in foods for the evaluation of the quality of the various foods for human consumption.

Ved. prac.: Institute of hygiene, Prague, Dr. Emberger.

II-46 Research concerning the patho-physiology of liver with special interest in the impairment of the bile duct function.

Ved. prac.: I. Clinic of internal medicine of KU, Prague, Prof. Hoening.

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II-47 Patho-physiology of stomach and of the outside, secretory section of pancreas.

Ved. prac.: V. Clinic of internal medicine of the medical faculty of KU, Prague, Prof. Herfort.

II-48 Physio-pathology of intestines (with special regard to non-infectious inflammatory states).

Ved. prac.: UNZ UNV of the capital city of Prague, Bulovka Hospital, II. department of internal medicine, Docent Maratka.

II-5 Health protection of youth and school hygiene

President of HPK: Docent Janda, medical faculty of hygiene, KU, Prague.

II-51 Research concerning the development of the physical performance of youth under various conditions of life.

Ved. prac.: Chair of hygiene of the medical faculty of hygiene, Prague, Docent Janda.

II-52 Research concerning the physical and spiritual development of youth under various conditions of life.

Ved. prac.: Institute of hygiene, Prague, Docent Kaplan.

II-53 Scientific basis for the principles governing the construction of equipment for children and teen-agers.

Ved. prac.: Provincial institute of hygiene, Bratislava, Dr. Lipkova.

II-54 Research concerning the hygienic principles of the pedagogical process.

Ved. prac.: Institute of hygiene of the medical faculty, UK, Bratislava, Docent Kukura.

II-55 Protection of health among teen-agers.

Ved. prac.: Institute of hygiene, Prague, Dr. Vaneckova.

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II-6 Research concerning immunity and serum preparation, and vaccine materials.

President of HPK: Dr. Johanovsky, Institute of sera and vaccine materials, Prague.

II-61 Research concerning anatoxic vaccine materials.

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Mazacek.

II-62 Research concerning virus vaccines (smallpox and rabies)

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Stastny.

II-63 Study of diphtheria.

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Malek.

II-64 Research concerning the albumin fractions of plasma.

Ved. prac.: Institute of sera and vaccine materials, Prague, Engineer Skvaril.

II-65 Research concerning therapeutic sera.

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Malek.

II-66 Research concerning the effectiveness of the vaccination materials in the field.

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Prasilova.

II-67 Complex research concerning the modern methods of preparation of immunizing materials.

Ved. prac.: Institute of sera and vaccine materials, Prague, Engineers Stejskal, Petera, and Celba.

II-68 Some questions of immunogenesis and pathogenesis.

Ved. prac.: Institute of sera and vaccine materials, Prague, Dr. Johanovsky.

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II-69 Research concerning the biology of tissue cultures and the possibilities for their utilization.

Ved. prac.: Institute of sera and vaccine materials, Prague,  
Dr. Slonim.

II-7 Prevention and liquidation of the most important epidemic diseases

President of HPK: Prof. Raska, Institute of epidemiology and microbiology, Prague.

II-70 Research concerning the mechanisms of immunity and their importance for the resistance of the organism.

Ved. prac.: Biological institute of CSAV, Prague, Dr. Sterzl.

II-71 Epidemiological research concerning the morbidity rate - immunological surveys - with special attention given to the questions of preventive immunization.

Ved. prac: Institute of epidemiology and microbiology, Prague,  
Dr. Pecenka.

II-72 Research concerning viral and bacterial diseases of the respiratory tract.

Ved. prac.: Institute of epidemiology and microbiology, Prague,  
Prof. Raska.

II-73 Research concerning infectious hepatitis.

Ved. prac.: Institute of hematology and blood transfusions, Prague,  
Prof. Horejsi.

II-74 Research concerning poliomyelitis.

Ved. prac.: Institute of sera and vaccine materials, Prague,  
Docent Skovranek.

II-75 Research concerning anthroponoses.

Ved. prac.: Microbiological institute of the medical faculty,  
KU, Prague, Prof. Patocka.

II-76 Research concerning natural foci of diseases.

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Ved. prac.: Biological institute of CSAV, Prague, Dr. Rosicky.

II-77 Intestinal infections.

Ved. prac.: Provincial institute of epidemiology and microbiology, Bratislava, Dr. Karolcek.

II-78 Research concerning staphylococcal infections.

Ved. prac.: Chair of microbiology of the medical faculty of hygiene, KU, Prague, Docent Sedlak.

II-79 Research concerning dried, nutritious soils.

Ved. prac.: Research institute of pharmacology and biochemistry, Prague, Dr. Simek.

III. Analysis of Diseases and Disease States Which Are the Primary Threats to the Health of the Population

III-01 Prevention and treatment of TBC (Tuberculosis).

President of HPK: Docent Krivinka, Research institute of tuberculosis, Prague.

Secretary of HPK: Dr. Trnka, Research institute of tuberculosis, Prague.

III-011 Microbiology of mycobacteria.

Ved. prac.: Research institute of tuberculosis, Prague, Dr. Kubin.

III-012 Epidemiology of tuberculosis.

Ved. prac.: Institute of epidemiology and microbacteriology, Prague. Prof. Raska.

III-013 Pathogenicity, prevention, diagnosis and therapy of lung TB and rehabilitation of tubercular patients.

Ved. prac.: Research institute of tuberculosis, Prague, Dr. Krivinka.

III-02 Physiology and pathology of respiratory tract

President of HPK: Docent Mecl, OUNZ - department of internal medicine, Prague 3.



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III-021 Research concerning the physiology and pathology of respiration.

Ved. prac.: Medical institute of the Jachymov mines, Pribram, Dr. Pelnar.

III-022 Research concerning chronic inflammation of the bronchi and its consequences.

Ved. prac.: Clinic of occupational diseases, Brno, Dr. Vyskocil.

III-023 Research concerning cor pulmonale.

Ved. prac.: II. clinic of internal medicine, KU, Prague, Prof. Herles.

III-024 Prevention and treatment of respiratory diseases.

Ved. prac.: Clinic of occupational diseases, Bratislava, Prof. Nosal.

III-025 Research concerning aerosols in connection with the prevention and treatment of respiratory diseases.

Ved. prac.: Clinic of occupational diseases, Brno, Docent Kadlec.

III-03 Prevention and treatment of malignant tumors.

President of HPK: Docent Thurzo, Research institute of oncology, Bratislava.

Secretary of HPK: Dr. Dvorak, Oncological institute, Prague.

III-031 Timely diagnosis and therapy of malignant tumors with regard to some precancerous conditions.

Ved. prac.: Oncological institute, Brno, Dr. Kolar.

III-032 Research concerning the etiology and pathogenicity of malignant tumors.

Ved. prac.: Research institute of oncology, Bratislava, Docent Thurzo.

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III-04 Physiology and pathology of the circulatory system.

President of HPK: Academician Weber, Institute for circulatory diseases, Prague.

Secretary of HPK: Dr. Pisa, Institute for circulatory diseases, Prague.

III-041 Research concerning the pathogenesis and therapy of hypertensional diseases.

Ved. prac.: Institute for circulatory diseases, Prague, Docent Brod.

III-042 Study of the pathogenicity, clinical aspects and therapy of arteriosclerosis.

Ved. prac.: Institute for circulatory diseases, Prague, Academician Weber.

III-043 Cardiosurgery.

Ved. prac.: II. surgical clinic of the medical faculty, Brno, Prof. Navratil.

III-05 Physiology and patho-physiology of aging.

President HPK: Prof. Prusik, IV clinic of internal medicine of KU, Prague.

Secretary of HPK: Dr. Trojan, I. department of internal medicine of Thomayer's Hospital, Prague.

III-051 Research concerning the biology and physiology of aging.

Ved. prac.: Laboratory for physiology and patho-physiology of metabolism CSAV, Prague, Dr. Lat.

III-052 Research concerning the clinical problems of aging.

Ved. prac.: IV. clinic of internal medicine of KU, Prague, Prof. Prusik, I. department of internal medicine of Thomayer's Hospital, Prague, Dr. Trojan.

III-053 Research concerning ecological sociology.

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Ved. prac.: Institute for the organization of health protection  
LFH (Lekarska Fakulta Hygienicka- Medical Faculty of Hygiene), Prague,  
Prof. Elaha.

III-06 Rheumatism and the diseases of joints.

President of HPK: Prof. Lench, Research institute of rheumatic  
diseases, Prague.

Secretary of HPK: Dr. Kassowitz, Research institute of rheumatic  
diseases, Prague.

III-061 Study of the incidence of chronical arthritic diseases among  
selected groups of inhabitants. (Study of incidence among smelting  
and mining workers).

Ved. prac.: Research institute of rheumatic diseases, Prague,  
Dr. Pavelka.

III-062 Study of the patho-physiology of the pregressive polyarthrititis.

Ved. prac.: Research institute of rheumatic diseases, Prague, Dr.  
Kriegel.

III-063 Study of connective tissues.

Ved. prac.: Research institute of rheumatic diseases, Prague,  
Dr. Houba.

III-064 Patho-physiology of the joint cavities.

Ved. prac.: Research institute of rheumatic diseases, Piestany,  
Docent Sitaj.

III-065 Chemotherapy and balneo-therapy of chronical diseases of  
the joints.

Ved. prac.: Research institute of rheumatic diseases, Piestany,  
Dr. Niepel.

III-066 Study of the possibility of surgical treatment of chronical  
diseases of the joints.

Ved. prac.: Research institute of rheumatic diseases, Prague,  
Dr. Kriegel.

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III-067 Study of metabolic effects of several materials used in therapy of rheumatic diseases.

Ved. prac.: Research institute of rheumatic diseases, Prague, Dr. Kassowitz.

III-07 Basic problems in endocrinology

President of HPK: Docent Silink, Research, institute of endocrinology, Prague,

III-071 Endocrinology of the thyroid gland and its metabolism.

Ved. prac.: Research, institute of endocrinology, Prague, Docent Silink.

III-072 Endocrinology of the adrenal glands.

Ved. prac.: Research institute of endocrinology, Prague, Dr. Matys.

III-073 Endocrinology of hypophysis, of the hypothalamo-hypophyseal system, and of endocrinal integrations in general.

Ved. prac.: I. clinic of internal medicine, of KU, Prague, Dr. Schreiber.

III-074 Endocrinology of the female reproductive system.

Ved. prac.: institute for the care for mother and child, Prague, Dr. Horsky.

III-075 Endocrinology of the male reproductive system.

Ved. prac.: Sexological institute of KU, Prague, Prof. Hynie.

III-076 Pathogenicity and therapy of diabetis.

Ved. prac.: II. clinic of internal diseases of the Hospital "Pod Petrinem", Prof. Foit.

III-077 Problems of mineral metabolism, from the point of view of endocrinology,

Ved. prac.: III. clinic of internal medicine, KU, Prague, Dr. Blecha.

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III-08 Physiology and pathology of blood formation

President of HPK: Docent Libansky, Institute of hematology and blood transfusions, Prague.

III-081 Study of immunizing processes in the pathogenicity and clinical aspects of some blood diseases.

Ved. prac.: Institute of hematology and blood transfusions, Prague, Dr. Kout.

III-082 Pathogenicity and therapy of hemoblastosis.

Ved. prac.: I. clinic of internal medicine, KU, Prague, Dr. Hermansky.

III-083 Patho-physiology and therapy of hemostatic breakdowns, and of blood clotting in the sense of hypocoagulation.

Ved. prac.: Laboratory for the examination of breakdown in the blood coagulation systems, Brno, Docent Hule.

III-084 Pathophysiology and therapy of hypercoagulation states.

Ved. prac.: Clinic of internal medicine, Plzen, Prof. Bobek.

III-085 Research concerning the problems of transfusion services.

Ved. prac.: Institute of hematology and blood transfusions, Prague, Dr. Dobry.

III-09 Neurology

President of HPK: Academician Henner, Neurological clinic of KU, Prague.

III-091 Research concerning neuroses.

Ved. prac.: Neurological clinic of the medical faculty of hygiene, KU, Prague, Docent Macek.

III-092 Research concerning the pathogenicity, therapy and prevention of discogenic diseases.

Bed. prac.: Neurological clinic of FVL KU, Prague, Docent Stary.

III-093 Research concerning demyelinating diseases.

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Ved. prac.: Neurological clinic of FVL KU, Prague, Docent Lesny.

III-094 Research concerning the rehabilitation in nervous disorders.

Ved. prac.: neurological clinic of FVL KU, Prague, Dr. Obrda.

III-095 Research in epilepsy.

Ved. prac.: Neurological clinic of FVL KU, Prague, Academician Henner.

III-096 Research concerning child and encephalopathy.

Ved. prac.: Neurological clinic of FVL KU, Prague, Docent Lesny.

III-097 Research concerning the effect of electromagnetic radiation of centimeter wave-lengths on human organism, especially of the nervous system.

Ved. prac.: Neurological clinic of FVL KU, Prague, Dr. Klimkova-Deutschova.

III-10 Psychiatry

President of HPK: Prof. Janota, Neurological department of the Bulovaka Hospital, Prague.

Secretary of HPK: Dr. Wunsch, Psychiatric clinic, Prague.

III-101 Research concerning the biological factors in schizophrenia.

Ved. prac.: Psychiatric clinic, Prague, Dr. Wunsch.

III-102 Research concerning reactive, psychic impairments.

Ved. prac.: Psychiatric clinic, PU, Olomouc, Docent Vymetal.

III-103 Research concerning the organization of therapeutic, preventive care in the field of psychiatry.

Ved. prac.: Psychiatric clinic, Brno, Prof. Hadlik.

Tasks of the institutes:

a) Research concerning the effect of alcohol on work output.

Ved. prac.: Antialcoholic department of the psychiatric clinic of FVL KU, Prague, Dr. Skala.

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b) Research concerning the methods of daily psychiatric consultant.  
Ved. prac.: Chair of UDL, Prague-Bohnice, Dr. Prokupek.

III-11 Stomatology

President of HPK: Docent Kostlan, Research institute of Stomatology, Prague.

III-111 Study of the origin, prevention and treatment of dental decay and its aftereffects.

Ved. prac.: Research institute of stomatology, Prague, Docent Kostlan.

III-112 Pathology and therapy of diseases of the parodont area and the mouth mucosa.

Ved. prac.: II. stomatological clinic of FVL, KU, Prague, Dr. Skach.

III-113 Development, prevention and treatment of orthodontic anomalies.

Ved. prac.: Stomatological clinic of UK, Bratislava, Dr. Andrik.

Tasks of the institute:

Research in the field of stomatological materials.

Ved. prac.: Research institute of stomatology, Prague, Dr. Kysela.

III-12 Ophthalmology

President of HPK: Academician Kurz, II. eye clinic, KU, Prague.

III-121 Physiology and pathology of the cornea.

Ved. prac.: II. eye clinic, Prague, Prof. Kadlecova.

III-122 Research concerning the examining methods in ophthalmology.

Ved. prac.: II. eye clinic, Prague, Dr. Peleska.

III-13 Otolaryngology

President of HPK: Academician Precechtel, Otolaryngological clinic of the Faculty Hospital, Prague.

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Secretary of HPK: Dr. Pospisil, ORL clinic, Prague.

III-131 Pathological physiology and clinical aspects of hearing impairments.

Ved. prac.: Otolaryngological clinic, Prague, Academician Precechtel.

Tasks of the institute:

Research concerning the voice function.

Ved. prac.: Phoniatric laboratory of the Faculty Hospital, Prague, Prof. Seeman.

III-14 Dermatovenerology

President of HPK: Prof. Lejhanec, Dermatovenerological clinic, PU, Olomouc.

Secretary of HPK: Dr. Fiser, Laboratory for the study of skin metabolism and hygiene of the medical faculty of hygiene, KU, Prague.

III-141 Research concerning the changes in the reactivity of skin under the effect of external and internal factors, especially in regard to the effects of working environment.

Ved. prac.: Laboratory for the study of physiology of skin of the medical faculty, of PU, Olomouc, Prof. Lejhanec.

1. Physiology, patho-physiology and biochemistry of skin.

Ved. prac.: Laboratory for the study of skin biochemistry of the medical faculty, Brno, Prof. Horacek.

2. Research in the field of dermatomycoses and their origins. Treatment and prevention.

Ved. prac.: Dermatological clinic of the medical faculty of UK, Bratislava, Prof. Chmel.

3. Research concerning skin hygiene, cosmetology and the effects of clothing on the epidermis.

Ved. prac.: Laboratory for the study of skin hygiene and metabolism of the medical faculty of hygiene, KU, Prague, Dr. Fiser.



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4. Research concerning pharmacotherapy of skin.

Ved. prac.: Dermatological clinic of the medical faculty of UK, Bratislava, Docent Hegyi.

5. Research concerning the appearance of occupational skin diseases and their deactivation.

Ved. prac.: Ministry of Health, Prague, Dr. Janda.

III-142 Evaluation of the treatment of syphilis in regard to the action of PN. (Serological studies on syphilis and the new anti-biotics employed in the treatment of syphilis).

Ved. prac.: I. dermatological clinic of FVL KU, Prague, Prof. Gawalowski.

III-15 Physical education and physical therapy

President of HPK: Prof. Kral, Institute of physiotherapy, KU, Prague.

Secretary of HPK: Dr. Seliger, Institute of physical education and sports, Prague.

The tasks were determined in agreement with the Czechoslovak Union of Physical Education.

III-151 Physiology and morphology of physical education especially in youth.

Ved. prac.: Institute of physical education and sports, Prague, Dr. Seliger.

III-152 Physiotherapy.

Ved. prac.: Institute of physiotherapy, KU, Prague, Prof. Kral.

III-153 Accidents in physical training.

Ved. prac.: I. surgical clinic of the medical faculty, KU, Prague, Dr. Mathe.

III-154 Symptoms of the clinical states among sportsmen.

Ved. prac.: Chair of physical education medicine, Olomouc, Docent Pelikan.

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III-155 Effect of physical and athletic training on the development of youth.

Ved. prac.: Research institute of physical education, Prague, J. Marhautova.

III-156 Extension of the period of work capacity and age through physical education and sports.

Ved. prac.: Research institute of physical education, Prague, Dr. Fischer.

III-157 Socialistic system of physical education.

Ved. prac.: Institute of physical education and sports, Prague, Prof. Libensky.

III-158 Athletic training.

Ved. prac.: Institute of physical education and sports, Prague, Choutka.

III-159 History of physical education.

Ved. prac.: Institute of physical education and sport, Prague, Docent Kratky.

IV. Care for Mother and Child

IV-1 Protection of the health of women, mothers, and newborn babies

President of HPK: Docent Vojta, Institute for the care for mother and child, Prague.

IV-11 Prevention of perinatal damage to the embryo.

Ved. prac.: Institute for the care for mother and child, Prague, Docent Vojta.

IV-12 Late gestation

Ved. prac.: I. gynecological and natal clinic, Prague, Docent Kotasek.

IV-13 Lack of fertility in marriage.

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Ved. prac.: Institute of care for mother and child, Prague, Prof. Trapl.

IV-14 Artificial interruptions of pregnancy.

Ved. prac.: Institute for the supplementary training of physicians, Prague, Docent Cernoch.

Tasks of the institute:

a) hemorrhaging during parturition.

Ved. prac.: Medical faculty of hygiene, Prague, Docent Padovec.

b) Physiology of the birth activity.

Ved. prac.: Institute for the care of mother and child, Prague, Docent Vojta.

c) Changes of the uterine wall.

Ved. prac.: I. Gynecological and natal clinic, Prague, Prof. Snaid.

d) Climacterium.

Ved. prac.: Medical faculty of hygiene, Prague, Dr. Schonfeld.

e) Effect of work on woman.

Ved. prac.: Institute for the supplementary training of physicians, Prague, Docent Cernoch.

IV-2 Care for the health of children

President of HPK: Prof. Houstek, II. pediatric clinic, Prague.

Secretary of HPK: Dr. Syrovatka, Institute for the care of mother and child, Prague.

IV-21 Research concerning the newborn and prematurely born children.

Ved. prac.: Institute for the care for mother and child, Prague, Prof. Kubat.

IV-22 Rickets.

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Ved. prac.: Clinic for children's diseases, Brno, Academician Teyschl.

IV-23 Development of reactivity and action of child's organism throughout growth until maturity.

Ved. prac.: I. pediatric clinic of KU, Prague, Prof. Svejcar.

IV-24 Research concerning the physical and mental development of children and teen-agers.

Ved. prac.: Children's clinic of KU, Hradec Kralove, Prof. Blecha.

IV-25 Physiology and pathology of respiratory tract in children.

Ved. prac.: II. pediatric clinic, Prague, Prof. Houstek.

IV-26 Prevention of accidents and poisonings among children.

Ved. prac.: Clinic of child surgery of the pediatric faculty, Prague, Docent Kafka.

V. General and Methodological Perfectioning of Therapeutic Means and of Pharmacotherapy

V-1 Surgery and trauma

President of HPK: Academician Jirasek, Laboratory of surgical pathophysiology, CSAV, Prague.

V-11 Accidents.

Ved. prac.: Research institute of traumatology, Brno, Prof. Novak.

1. Research of accident rate, first aid and general reactions after transportation accidents.

2. Research concerning the methods, techniques and importance of post-accidental care - post-accidental rehabilitation.

V-12 Resuscitation, post-operative and post-traumatic course and its influence.

Ved. prac.: Institute of clinical and experimental surgery, Prague, Prof. Spacek.

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V-13 Reconstruction of tissues and organs in surgery.

Ved. prac.: Clinic of plastic surgery, Prague, Docent Peskova.

V-14 Research concerning the treatment of burns.

Ved. prac.: Institute of plastic surgery, Brno, Prof. Karfik.

V-2 Surgical and related problems in the field of venous diseases.

President of HPK: Prof. Rapant, Surgical clinic of PU, Olomouc.

Secretary of HPK: Dr. Hejhal, Institute of clinical and experimental surgery, Prague.

V-21 Primary expansion in lower extremities and the postphlebotic syndrom.

Ved. prac.: Institute of clinical and experimental surgery, Prague, Dr. Hejhal.

V-22 Utilization of arterial substitutes in surgery involving peripheral arteries, aorta and its branches.

Ved. prac.: Surgical clinic of PU, Olomouc, Dr. Fischer.

V-23 Production of Czechoslovak vein substitute of type II.

Ved. prac.: Surgical clinic, Brno, Dr. Podlaha.

V-24 Conservation of blood vessel grafts.

Ved. prac.: Tissue bank of the medical faculty of KU, Hradec Kralove, Dr. Klen.

V-3 Orthopedics

President of HPK: Prof. Frejka, Orthopedic clinic of LFU, Brno.

V-31 Congenital dislocations of the hip joint.

Ved. prac.: Orthopedic clinic of LFU, Brno, Prof. Frejka.

V-32 Research concerning artificial limbs.

Ved. prac.: Orthopedic clinic of LF, Brno, Dr. Fait.

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V-33 Research concerning defects in the vertebral column during preschool, school and mature age.

Ved. prac.: Orthopedic clinic of LF, Brno, Docent Janecek.

V-34 Operative treatment of late stages of poliomyelitis.

Ved. prac.: Orthopedic clinic of LF, Brno, Docent Janecek.

V-35 Intrafocal operations in cases of bone and joint tuberculosis, and improvement in the diagnostics of the beginning stages of bone and joint tuberculosis.

Ved. prac.: Orthopedic clinic of the medical faculty of KU, Plzen, Docent Polivka.

V-4 New medicines and methods for the control of medicines.

President of HPK: Docent Smahel, Chair of internal medicine of the Institute for the supplementary training of physicians, Prague.

V-41 Synthetic medicines.

Ved. prac.: Research institute for pharmacology and biochemistry, Prague, Dr. Nemecsek.

V-42 Research concerning medicines from plants and medicinal plants.

Ved. prac.: Research institute of natural medicines, Prague, Dr. Cekan.

V-43 Research concerning control methods in dealing with new medicines.

Ved. prac.: Research institute for the control of medicines, Prague, Engineer Hrdy.

V-5 Antibiotics and biosynthetic preparations

President of HPK: Docent Herold, Research institute of antibiotics, Roztoky u Prahy.

V-51 Antibiotics and biosynthetic preparations.

Ved. prac.: Research institute of antibiotics, Roztoky u Prahy, Dr. Vondra.

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V-52 Technological development in the production of antibiotics.

Ved. prac.: Research institute of antibiotics, Roztoky u Prahy,  
Engineer Slechta.

V-6 Antibiotics in medicine.

President of HPK: Docent Malek, Institute of clinical and experimental surgery, Prague.

Secretary of HPK: Dr. Vlcek, Research Institute of antibiotics,  
Roztoky u Prahy.

V-61 Elaboration of standard methods for the determination of concentration of antibiotics in tissue fluids and tissues.

Ved. prac.: Institute of clinical and experimental surgery, Prague,  
Dr. Cervinka.

V-62 Distribution of antibiotics in the organism during various pathological states.

Ved. prac.: Chair of internal medicine of the Institute for the supplementary training of physicians, Prague, Docent Smahel.

V-63 Antibiotics and the lymphatic system.

Ved. prac.: Institute of clinical and experimental surgery, Prague,  
Docent Malek.

V-64 Study of the macroorganism in connection with the utilization of antibiotics.

Ved. prac.: Institute for medical microbiology of KU, Prague, Prof. Patocka.

V-65 Elaboration of standard methods for the determination of the sensitivity of microorganisms to antibiotics.

Ved. prac.: Institute of microbiology and epidemiology of KU, Plzen,  
Docent Zahradnický.

Tasks of the institute:

a) Healing of wounds with protective coagulum in operations involving the temporal bone.

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Ved. prac.: Otolaryngological clinic of KU, Prague, academician Precechtel.

b) Optimum antibiotics in stercoral infections.

Ved. prac.: Surgical clinic of UK, Bratislava, Prof. Carsky.

V-7 Blood albumins and substitute solutions

President of HPK: Prof. Horejsi, Institute of matology and blood transfusions, Prague.

Secretary of HPK: Dr. Sterba, Institute of hematology and blood transfusions, Prague.

V-71 Blood albumins.

Ved. prac.: Institute of hematology and blood transfusions, Prague, PhMr Bednarik.

V-72 Heteroplasma.

Ved. prac.: Institute of hematology and blood transfusions, Prague, Dr. Pristoupil.

V-73 Physiology and pathology of blood derivatives and anti shock substitutes.

Ved. prac.: Institute of hematology and blood transfusions, Prague, Dr. Sterba.

V-74 Research in blood biochemistry.

Ved. prac.: Institute of hematology and blood transfusions, Prague, Dr. Vodrazka.

V-75 ~~Dextrana~~.

Ved. prac.: Research institute of antibiotics, Roztoky u Prahy, Engineer, Dr. Malek.

V-8 Balneology and physiotherapy

President of HPK: Prof. Prerovsky, Research institute of balneology, Prague.



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V-81 Evaluation and estimation of the current treatments involving the most important diseases assigned to spa treatment.

Ved. prac.: Research institute of balneology, Prague, Dr. Sedlackova.

V-82 Electro-physiological basis for galvanization and ionophoresis.

Ved. prac.: Research institute of balneology, Prague, Dr. Ipsa.

V-83 Research in thermoregulation.

Ved. prac.: Research institute of balneology, Marianske Lazne, Dr. Janca.

V-84 Study of the spa treatment of obesity.

Ved. prac.: Research institute of balneology, Marianske Lazne, Dr. Krizek.

V-85 Perfectioning of the spa treatment of urological diseases.

Ved. prac.: Research institute of balneology, Marianske Lazne, Dr. Mates.

V-86 The Karlsbad treatment of diseases affecting lipid storage.

Ved. prac.: Research institute of balneology, Karlovy Vary, Dr. Kolominsky.

V-87 Study of the changes in the inflammatory reaction and the results of peloid treatment in gynecological effects.

Ved. prac.: OUNZ Franitskovy Lazne, Dr. Sever.

V-9 Radiology

President of HPK: Prof. Bastecky, Radiological clinic, KU, Hradec Kralove.

Secretary of HPK: Dr. Cernoch, Radiological clinic, KU, Hradec Kralove.

V-91 Diagnostics of the lymphatic system in connection with contrast materials and radioactive isotopes.

Ved. prac.: Institute of clinical and experimental surgery, Prague, Docent Malek.

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V-92 Functional X-ray diagnosis of the digestive system.

Ved. prac.: Central X-ray department, Motol Hospital, Prague,  
Prof. Vesin.

V-93 Examining methods employing contrast methods.

Ved. prac.: X-ray department of the Bulovka Hospital, Prague,  
Dr. Capek.

V-94 Osteology.

Ved. prac.: Radiological clinic of KU, Prague, Dr. Kotlar.

V-95 X-ray therapy and the reduction of dosage used in nontumor  
therapy and X-ray diagnostics.

Ved. prac.: Radiological clinic of KU, Prague, Dr. Stasek.

V-96 Cardiorcentgenology.

Ved. prac.: Radiological clinic of the medical faculty of KU,  
Hradec Kralove, Dr. Steinhart.

V-97 X-ray technique.

Ved. prac.: Radiological clinic of the medical faculty of KU,  
Hradec Kralove, Dr. Tomanek.

VI. Organization of Health Services

VI-1 Scientific bases for the organization of health services

President of HPK: Dr. Palec, Research institute for the organization  
of health services, Prague.

VI-11 Research concerning the morbidity of the population of CSSE  
and the morbidity of the workers in relation to disability and invalidity,  
and the causes of death.

Ved. prac.: Research institute for the organization of health  
services, Prague, Dr. Stritesky.

VI-12 Research concerning the scientifically determined norms for  
the provision of the population with individual health services (norms  
for the provision of district medical services and norms for the provi-  
sion of provincial hygieno-epidemiological services).

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Ved. prac.: Research institute for the organization of health services, Prague, Dr. Skrbkova.

VI-13 Network, profile and size types of hospitals (in the new conditions emanating from the territorial administrative reorganization of the national territory).

Ved. prac.: Research institute for the organization of health services, Prague, Dr. Havlicek.

VI-14 Research concerning the method of evaluation care and evaluation criteria in some of the disease groups.

Ved. prac.: research institute for the organization of health services, Prague, Dr. Balogh.

VI-15 New and less frequent forms of health education (Nationwide action "Nutrition and Health"; the stand of parents of teen-agers on the subject of alcoholism).

Ved. prac.: Central institute for health education, Prague, Dr. Adamec and Dr. Vodrazka.

VI-16 The consequences of war in regard to human health. (Bases for dispensary care for all the participants of World War II and for the evaluation care provided by the State Office of Social Security, and for the committee evaluating invalidity and the relation between disease and wartime activity).

Ved. prac.: Institute for the organization of health services of the medical faculty of hygiene, Prague, Prof. Elaha.

VI-2 Expert medical evaluation

President of HPK: Docent Paroulek, State Office of Social Security, Prague.

VI-21 Research concerning the work capacity of persons affected by some diseases and disease states.

Ved. prac.: State Office of Social Security, Prague, Docent Paroulek.

VI-3 History of medicine and health services

President of HPK: Prof. Matousek, Institute of medical history, PU, Olomouc.

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Secretary of HPK: Dr. Sinkulova, Research institute for the organization of health services, Prague.

VI-31 Research concerning historical development of medical sciences (Czech priorities in medicine; development of medical sciences at the Prague medical faculty during the years 1800-1883; 40 years of Czechoslovak dermatological society).

Ved. prac.: Institute of medical history, PU, Olomouc, Prof. Matousek.

VI-32 Research concerning the history of health services in Bohemia. (Health conditions in Bohemia from the Battle of White Mountain to the beginning of capitalism; health conditions among Czech workers in the years 1848-1886; preventive and protective measures in the historical development of Czechoslovak health services).

Ved. prac.: Research institute for the organization of health services, Prague, Dr. Sinkulova.

VI-33 Research concerning the history of health services in Slovakia. (Health conditions among the Slovak workers; mining hospitals in Slovakia from the 16 century on; research concerning the history in health education in Czechoslovakia with a special regard to Slovakia).

Ved. prac.: Chair of medical and biological sciences on SAV (Slovenska Akademie Ved - Slovak Academy of Sciences), Bratislava, Dr. Klimova.

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